

Objective

By the end of this lesson, Grayson will be able to create simple hypotheses and understand the concept of making educated guesses.

Materials and Prep

- Paper
- Crayons or markers
- No prior knowledge needed

Activities

- **Activity 1: What's Inside?**
Have Grayson choose an object, draw a picture of what he thinks is inside, and then open it to see if his hypothesis was correct.
- **Activity 2: Color Hypothesis**
Show Grayson a color and ask him to make a hypothesis about what will happen if he mixes it with another color. Let him mix the colors and observe the results.
- **Activity 3: Sound Guessing Game**
Play different sounds for Grayson and ask him to guess what made each sound. Encourage him to explain his hypotheses.

Talking Points

- **Point 1:** "A hypothesis is like a guess that we make based on what we know."
- **Point 2:** "When we make a hypothesis, we try to think about what might happen next."
- **Point 3:** "It's okay if our hypothesis is wrong, we can learn something new from it!"
- **Point 4:** "Let's use our imagination to make fun guesses about different things around us!"